



The International Conference on Biofabrication

Biofabrication 2025

Warsaw, Poland (Sept. 14–17)








BIOFABRICATION 2025

International Conference on Biofabrication (ISBF 2025)

September 14–17, 2025 | Palace of Culture and Science (PKiN), Warsaw, Poland

**Revolutionizing Healthcare Through Biofabrication:
Challenges and Breakthroughs for a Healthier Future**

Programme

11:00	Tropoelastin as a driver of 3D complex architectures and cell performance <i>Mikołajska</i>	<i>Anthony Weiss</i> 11:00 - 11:20
	Engineering Topological and Dynamic Bioinks for Microvascularization <i>Mikołajska</i>	<i>Liliang Ouyang</i>  11:20 - 11:40
	Volumetric bioprinting of bi-chamber heart structures using dynamic hydrogels enhances iPSC-derived cardiomyocyte <i>Paulina Nunez Bernal</i>	
	Preclinical Application of Vascularized 3D Liver Cancer Organoids: Case Study with Kinase Inhibitors and Melatonin <i>Marta Klak</i>	
12:00	Patterned Lumen Enhance Endothelialization of Cell-Laden 3D Bioprinted Vascular Grafts from Human Induced Pluripot <i>Jagoda Litowczenko-Cybulska</i>	
	Bioprinting of Hypoimmune Induced Pluripotent Stem Cell-Derived Pancreatic Islets for Ameliorating Diabetes <i>Myungji Kim</i>	
	The role of dynamic, chemical and geometrical mechano-transduction in brain organoid development and advance mat <i>Pelin Saglam-Metiner</i>	